Thermosensitive PNIPAM semi-hollow spheres for controlled drug release

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Figure S1. $^1H$ NMR of PNIPAM-PMAA/ PNIPAM core/shell particles (1/2 ratio) in D$_2$O.
Figure S2. $^1$H NMR of PNIPAM-PMAA/ PNIPAM core/shell particles (1/2 ratio) modified with ethylenediamine in D$_2$O.
Figure S3. $^1$H NMR of PNIPAM-PMAA/ PNIPAM core/shell particles (1/2 ratio) conjugated with DOX in D$_2$O/DMSO-$d_6$. The peak d and e indicated the successful conjugation of DOX.
Figure S4. Size distribution histogram of self-cross-linked PNIPAM core at 25 and 40 °C.

Figure S5. Size distribution histogram of self-cross-linked PNIPAM-co-PMAA core at 25 and 40 °C.

Figure S6. Size distribution histogram of core/shell 1/2 particles at 25 and 43 °C.
Figure S7. Size distribution histogram of core/shell 1/5 particles at 25 and 43 °C.

Figure S8. Releasing of DOX from semi-hollow spheres with (B) or without (A) GSH at 33 and 37 °C.